

# **A HEAD BELT OF HEAD MAGNIFYING GLASS**

## **ABSTRACT**

As head belt of head magnifying glass including a first and a second head belt set up at both sides of the fixer of magnifying glass. More than one buttoning holes are made on the first head belt vertically. A buttoning seat stretches out from the second head belt. A vacancy forms between said buttoning seat and the second head belt. A through hole is made at the inner end of the buttoning seat and a movable plate is fixed on the buttoning seat. The movable plate is pivoted by its both sides at near the middle part of the lateral sides of buttoning seat. A clamping key is established at the end where the movable plate corresponds with the through hole of buttoning seat and a spring plate is built at the other end. It is easy adjustable by inserting the first head in the above mentioned vacancy and buttoning up the clamping key with the buttoning hole and durable ness of head belt is thus achieved.

4 Claims      7 Drawing Sheets

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### **BACKGROUND OF THE INVENTION**

The present invention relates to a head belt of head magnifying glass, and more particularly an easy adjustable and more durable head belt construction.

With the quick development of industries in recent years, every industry gradually tends to the practical development of reducing volume and enabling all-around functions of products. Almost any industry such as precise electronic industry, precise mould manufacturing industry, seal carving industry, composing and typing industry, precise spring, etc, all develops towards said direction without exception. In the course of manufacturing of those precise industries workers have to use head magnifying glass to magnify work piece for easy processing. Fig 1 shows a conventional head magnifying glass 10. A first head belt 20 and a second head belt 30 stretch backward from each side of fixer 102 for fixing magnifying glass 101, respectively. A female sticking belt 201 is sewed up on the inner side of the first head belt 20, while a male sticking belt 301 is sewed up on the outer side of the second head belt 30. When the male sticking belt 301 is made sticking to the female sticking belt 201, the first belt 20 and the second head belt 30 get fixed together, forming a ring putting fast on the user's head and enabling him to process the work piece which is magnified by the magnifying glass 101 on fixer 102. However, because of the different sizes of head of users as well as sticking up and/or coming off of male sticking belt 301 and female sticking belt 201 while putting on and/or taking off the magnifying glass, villus on male sticking belt 301 and female sticking belt 201 will come off and become less through repeated use, leading to low sticking effect. As a result, the first head belt 20 and the second head belt 30 can not

09376595-001899